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(54) Title: PROCESS FOR THE HIGH YIELD RECOVERY OF LEAD FROM SPENT LEAD-ACID BATTERIES WITH REDUCED ASSOCIATED PRODUCTION OF SLAG AND GASEOUS EMISSIONS

(57) Abstract: Process for desulphating a solid mixture and/or aggregate resulting from the breaking up of lead-acid batteries, comprising electrode slime containing lead compounds belonging to the group comprising oxides, oxidated compounds and sulphates, through contact with an aqueous solution of sodium carbonate and a substance dissolving lanarkite in which the said solid residues containing lead compounds are suspended, in which the solid phase of the suspension is subjected to a chemical reaction whose action is assisted by brushing, shear and compression forces exerted by brushing or scraping and compressing mechanical means, thus achieving almost total desulphatation.

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